



## Product Data Sheet

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<b>Product Name:</b>	[Asp370]-Tyrosinase (368-376)	
<b>Catalog Number:</b>	AS-61456 (1 mg)	Lot Number: See label on vial
<b>Sequence:</b>	H-Tyr-Met-Asp-Gly-Thr-Met-Ser-Gln-Val-OH (3-letter code) YMDGTMSQV (1-letter code)	
<b>Molecular Weight:</b>	1031.2	
<b>Peptide Purity:</b>	>95%	
<b>Appearance:</b>	Lyophilized white powder	

**Peptide Reconstitution:** [Asp370]-Tyrosinase peptide is freely soluble in DMSO.

**Storage:** [Asp370]-Tyrosinase peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at  $-20^{\circ}\text{C}$  or lower. Reconstituted peptide can be aliquoted and stored at  $-20^{\circ}\text{C}$  or lower.

**Description:** This tumor antigenic peptide presented by HLA-A2 antigen to CTLs, is a tyrosinase fragment. Tyrosinase is a membrane-bound protein involved in the melanin synthesis pathway that is expressed by virtually all primary melanoma lesions and by most of metastatic lesions. Ref: Chapiro, J. et al. *J. Immunol.* **176**, 1053 (2006); Paczesny, S. et al. *JEM* **199**, 1503 (2004); Lee, P. et al *J. Clin. Oncol.* **19**, 3836 (2001).

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